

**Flood Control Project Maintenance
Levee Inspections**

Fall 2016 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin

RD0755	Overall LMA Rating	Total LMA Miles						
Reclamation District No. 0755 Randall	U	1.83						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation		1.42	5.68	309.63%				
Trim / Thin Trees	0.01		0.01	0.55%				
Animal Control	1.34		1.34	73.05%				
Operations & Maintenance Manuals	0.02		0.02	1.09%				
Emergency Supplies & Equipment	0.02		0.02	1.09%				
Flood Preparedness & Training	0.02		0.02	1.09%				
<i>Supplemental</i>								
2015 USACE Erosion Survey, DRAFT	0.08		0.08	4.36%				
DWR UCIP Field Study					0.07			
<i>LMA Totals:</i>	1.49	1.42	7.17	390.86%	0.07	0.00	0.00	0.00

Unit No. 01 Sacramento River LB	Overall Unit Rating	Total Unit Miles						
RD0755	U	1.83						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation		1.42	5.68	309.63%				
Trim / Thin Trees	0.01		0.01	0.55%				
Animal Control	1.34		1.34	73.05%				
<i>Supplemental</i>								
2015 USACE Erosion Survey, DRAFT	0.08		0.08	4.36%				
DWR UCIP Field Study					0.07			
<i>Unit Totals:</i>	1.43	1.42	7.11	387.59%	0.07	0.00	0.00	0.00

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Fall 2016 Levee Inspection Results

Reclamation District No. 0755 Randall

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
† Overall LMA Rating (Fall Only)			U	

** Non-receipt of Summer or Winter Inspection
Reports may effect overall annual rating.

† SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2016 Levee Inspection Results

Reclamation District No. 0755 Randall

Waterway			Bank	Unit Miles
Unit No. 01 Sacramento River			Left	1.83
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			U	
Date of Inspection	3/17/2016 - 3/17/2016		10/18/2016 - 10/18/2016	
DWR Inspector	Herman Phillips		Herman Phillips	
Accompanied By				

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0755 Randall

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.83	10/18/2016 10/18/2016	Herman Phillips

LM Start		Rating **	M	Issue No.	14
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_RD0755_01_f_2014_14				
Comment Code					
Inspector Comment					
This district has a knowledge of how to conduct a flood fight but has not taken the class recently.					

No Photos

LM Start		Rating **	M	Issue No.	15
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_RD0755_01_f_2014_15				
Comment Code					
Inspector Comment					
The emergency supplies was not observed during the inspection.					

No Photos

LM Start		Rating **	M	Issue No.	16
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_RD0755_01_f_2014_16				
Comment Code					
Inspector Comment					
The engineer for the district has a copy of the O&M Manual but the LMA should also have a copy.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
----------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------

Reclamation District No. 0755 Randall

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0755 Randall

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.83	10/18/2016 10/18/2016	Herman Phillips

LM Start	0.17	Rating **	A/W	Issue No.	20
LM End	0.59	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.346757 °	38.345423 °
				-121.538675 °	-121.546223 °
DWR ID	DWR_RD0755_01_f_2016_20				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
The vegetation complies with standards but should be monitored, there is some patches of dead growth that should be removed.					

Photo 1 of 1 : FA_2016_RD0755_177_20_20161102_00028.jpg



RD 755 looking downstream from levee mile 0.17-0.59.

LM Start	0.17	Rating **	U	Issue No.	19
LM End	1.12	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.346757 °	38.343328 °
				-121.538675 °	-121.555493 °
DWR ID	DWR_RD0755_01_f_2016_19				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
The tall weeds on the waterside slope and shoulder should be removed.					

Photo 1 of 1 : FA_2016_RD0755_177_19_20161102_00029.jpg



RD 755 Levee mile 0.17-1.12 waterside slope looking downstream.

LM Start	0.24	Rating **	M	Issue No.	21
LM End	0.24	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.346275 °	38.346275 °
				-121.539838 °	-121.539838 °
DWR ID	DWR_RD0755_01_f_2016_21				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Trim this tree up to at least five feet above the ground.					

No Photos

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0755 Randall

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.83	10/18/2016 10/18/2016	Herman Phillips

LM Start	0.43	Rating **	M	Issue No.	4
LM End	1.77	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.345593 °	38.337197 °
				-121.543263 °	-121.564147 °
DWR ID	DWR_RD0755_01_f_2014_4				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
There are bait stations along the landside levee slope; rodents are very active in this location near the walnut trees.					

Photo 1 of 1 : FA_2016_RD0755_177_4_20161018_00002.jpg



One of many active rodent observed during this inspection.

LM Start	0.43	Rating **	M	Issue No.	27
LM End	0.43	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.345640 °	38.345640 °
				-121.543277 °	-121.543277 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:17123 DS_ID:18849 EP_NO: 4302 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: FBC about 2 feet.Power conduit also through the leeve.Wet ground on pump site/location. May need investigation about wet ground. FIELD_STRUCT_DESC: 8-inch steel pipe through levee, 2.0 feet below crown. Pump electrical box and control valve on waterward slope. Siphon breaker on landward slope. Service pole at landward toe. (App. No. 4302-Hemly) . FS Date: 8/6/2013					

Photo 1 of 2 : UCIP_FA_2016_17123_29242.jpg



WS view: overview of pump and pipe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
----------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0755 Randall

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.83	10/18/2016 10/18/2016	Herman Phillips

LM Start	0.43	Rating **	M	Issue No.	27 (cont)
LM End	0.43	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.345640 °	38.345640 °
				-121.543277 °	-121.543277 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:17123 DS_ID:18849 EP_NO: 4302 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: FBC about 2 feet.Power conduit also through the leeve.Wet ground on pump site/location. May need investigation about wet ground. FIELD_STRUCT_DESC: 8-inch steel pipe through levee, 2.0 feet below crown. Pump electrical box and control valve on waterward slope. Siphon breaker on landward slope. Service pole at landward toe. (App. No. 4302-Hemly) . FS Date: 8/6/2013					

Photo 2 of 2 : UCIP_FA_2016_17123_29241.jpg



WS view: steel pipe and power conduit.

LM Start	0.59	Rating **	U	Issue No.	22
LM End	0.61	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.345423 °	38.345375 °
				-121.546223 °	-121.546543 °
DWR ID	DWR_RD0755_01_f_2016_22				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Remove the tall weed growth from the levee slope and ramp of the landside levee section.					

Photo 1 of 1 : FA_2016_RD0755_177_22_20161102_00030.jpg



RD 755 looking downstream from landside levee mile 0.59-0.61.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
----------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0755 Randall

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.83	10/18/2016 10/18/2016	Herman Phillips

LM Start	0.61	Rating **	A	Issue No.	23
LM End	1.76	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.345375 °	38.337392 °
				-121.546543 °	-121.564035 °
DWR ID	DWR_RD0755_01_f_2016_23				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The slope between 0.61 and 1.76 has been maintained.					

No Photos

LM Start	0.68	Rating **	M	Issue No.	32
LM End	0.68	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.345113 °	38.345113 °
				-121.547789 °	-121.547789 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41634 DS_ID:18851 EP_NO: 7357 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: An abandoned 12-in steel pipe lying on LS levee slope should be removed.A buried concrete headwall found on LS levee slope should be checked for any pipe or connection. FIELD_STRUCT_DESC: 1 of 2 pipes. 8-inch pipe sleeved through 16-inch pipe, 4.2 feet below crown. 2-inch conduit through levee. (App. No. 7357-Green McKeown, Inc.). O&M Manual Sac 111, May 1959, Revision Year 2011. FS Date: 8/6/2013					

Photo 1 of 2 : UCIP_FA_2016_41634_29087.jpg



WS view: pump structure on the stream, conduit, pipes, and walkway.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
----------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0755 Randall

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.83	10/18/2016 10/18/2016	Herman Phillips

LM Start	0.68	Rating **	M	Issue No.	32 (cont)
LM End	0.68	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.345113 °	38.345113 °
				-121.547789 °	-121.547789 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41634 DS_ID:18851 EP_NO: 7357 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: An abandoned 12-in steel pipe lying on LS levee slope should be removed.A buried concrete headwall found on LS levee slope should be checked for any pipe or connection. FIELD_STRUCT_DESC: 1 of 2 pipes. 8-inch pipe sleeved through 16-inch pipe, 4.2 feet below crown. 2-inch conduit through levee. (App. No. 7357-Green McKeown, Inc.). O&M Manual Sac 111, May 1959, Revision Year 2011. FS Date: 8/6/2013					

Photo 2 of 2 : UCIP_FA_2016_41634_29086.jpg



WS view: view towards levee crown from pump structure.

LM Start	0.70	Rating **	M	Issue No.	30
LM End	0.70	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.345036 °	38.345036 °
				-121.548141 °	-121.548141 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:17049					
DS_ID:18854					
EP_NO: 1716					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Not found- a 4-inch pipe on waterward shoulder but a 2-inch GI pipe found on landside slope.					
FIELD_STRUCT_DESC: *ABANDONED* 18-inch drainpipe through levee, 4.5 feet below crown. (App. No. 1716-Green McKeown, Inc.).					
O&M Manual Sac 111, May 1959, Revision Year 2011.					
FS Date: 8/6/2013					

Photo 1 of 2 : UCIP_FA_2016_17049_29119.jpg



LS view: concrete headwall and 2-inch conduit (left)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
----------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0755 Randall

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.83	10/18/2016 10/18/2016	Herman Phillips

LM Start	0.70	Rating **	M	Issue No.	30 (cont)	
LM End	0.70	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.345036 °	38.345036 °	
				-121.548141 °	-121.548141 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:17049						
DS_ID:18854						
EP_NO: 1716						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Not found- a 4-inch pipe on waterward shoulder but a 2-inch GI pipe found on landside slope.						
FIELD_STRUCT_DESC: *ABANDONED* 18-inch drainpipe through levee, 4.5 feet below crown. (App. No. 1716-Green McKeown, Inc.).						
O&M Manual Sac 111, May 1959, Revision Year 2011.						
FS Date: 8/6/2013						

Photo 2 of 2 : UCIP_FA_2016_17049_29121.jpg



LS view: 18-inch abandoned pipe on levee slope

LM Start	0.93	Rating **	M	Issue No.	31
LM End	0.93	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.344103 °	38.344103 °
				-121.552119 °	-121.552119 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:17063 DS_ID:18855 EP_NO: 11225 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Abandoned pipe and pump.Service pole, power box lying on LS slope. FIELD_STRUCT_DESC: *ABANDONED* 10-inch pipe and 1-inch conduit through levee, 5.6 feet below crown, pump on pile structure with walkway to pump. Abandoned service pole on landward slope. (ABO No. 11225- Wilson).O&M Manual Sac 111, May 1959, Revision Year 2011. FS Date: 8/6/2013					

Photo 1 of 2 : UCIP_FA_2016_17063_29148.jpg



WS view: overview of pipe and pump structure.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
----------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0755 Randall

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.83	10/18/2016 10/18/2016	Herman Phillips

LM Start	0.93	Rating **	M	Issue No.	31 (cont)
LM End	0.93	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.344103°	38.344103°
				-121.552119°	-121.552119°
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:17063 DS_ID:18855 EP_NO: 11225 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Abandoned pipe and pump.Service pole, power box lying on LS slope. FIELD_STRUCT_DESC: *ABANDONED* 10-inch pipe and 1-inch conduit through levee, 5.6 feet below crown, pump on pile structure with walkway to pump. Abandoned service pole on landward slope. (ABO No. 11225- Wilson).O&M Manual Sac 111, May 1959, Revision Year 2011. FS Date: 8/6/2013					

Photo 2 of 2 : UCIP_FA_2016_17063_29147.jpg



WS view: an abandoned pump

LM Start	1.00	Rating **	C	Issue No.	13
LM End	1.02	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.343725 °	38.343700 °
				-121.553410 °	-121.553663 °
DWR ID	DWR_RD0755_01_f_2015_13				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
----------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0755 Randall

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.83	10/18/2016 10/18/2016	Herman Phillips

LM Start	1.04	Rating **	M	Issue No.	33
LM End	1.04	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.343625 °	38.343625 °
				-121.554145 °	-121.554145 °
DWR ID					

Comment Code

Inspector Comment

FS_ID:46764
DS_ID:18856
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: Needs to be properly abandoned.
FIELD_STRUCT_DESC: *ABANDONED* 12-inch pipe through levee, 5.0 feet below crown. Siphon breaker on WS, no pipe found on LS. (Cat. IVA-Wilson). O&M Manual Sac 111, May 1959, Revision Year 2011.
FS Date: 8/6/2013

LM Start	1.04	Rating **	M	Issue No.	33 (cont)
LM End	1.04	Issue Type +	En	Location *	LS

Photo 1 of 2 : UCIP_FA_2016_46764_29158.jpg



WS view: overview of steel pipe with siphon breaker on levee slope

Photo 2 of 2 : UCIP_FA_2016_46764_29157.jpg



WS view: steel pipe with siphon breaker on levee slope

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0755 Randall

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.83	10/18/2016 10/18/2016	Herman Phillips

LM Start	1.12	Rating **	A/W	Issue No.	24
LM End	1.27	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.343328 °	38.342695 °
				-121.555493 °	-121.558108 °
DWR ID	DWR_RD0755_01_f_2016_24				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The vegetation complies with the standards but should be monitored.					

No Photos

LM Start	1.12	Rating **	M	Issue No.	29
LM End	1.12	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.343305 °	38.343305 °
				-121.555538 °	-121.555538 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:17144					
DS_ID:18857					
EP_NO: 11219					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: - requires cleaning of siphon breaker box.					
FIELD_STRUCT_DESC: 8-inch pipe through levee, 5.7 feet below crown. Siphon breaker inside CM Pipe riser on landside shoulder. Power pole on landside. Pump and power box in pump house on waterward slope. (ABO No. 11219- Elliott). O&M Manual Sac 111, May 1959, Revision Year 2011.					
FS Date: 8/6/2013					

Photo 1 of 2 : UCIP_FA_2016_17144_29288.jpg



WS view: pump house on levee slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
----------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0755 Randall

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.83	10/18/2016 10/18/2016	Herman Phillips

LM Start	1.12	Rating **	M	Issue No.	29 (cont)
LM End	1.12	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.343305 °	38.343305 °
				-121.555538 °	-121.555538 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:17144					
DS_ID:18857					
EP_NO: 11219					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: - requires cleaning of siphon breaker box.					
FIELD_STRUCT_DESC: 8-inch pipe through levee, 5.7 feet below crown. Siphon breaker inside CM Pipe riser on landside shoulder.Power pole on landside. Pump and power box in pump house on waterward slope. (ABO No. 11219- Elliott). O&M Manual Sac 111, May 1959, Revision Year 2011.					
FS Date: 8/6/2013					

Photo 2 of 2 : UCIP_FA_2016_17144_29287.jpg



WS view: pipe daylight from pump house.

LM Start	1.24	Rating **	M	Issue No.	1
LM End	1.32	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.343071 °	38.342426 °
				-121.557706 °	-121.559163 °
DWR ID	DWR_RD0755_01_f_2016_1				
Comment Code					
Inspector Comment					
2003 - Toe and lower slope eroding, rock in water and a few pieces on the slope; rock at upstream and downstream ends. 2005 - Looks a little worse. Two major holes with vertical banks and smaller intermittent pockets in between. Stone is present upstream, downstream, and at toe. 2008 - Repaired at both ends (50 ft of new stone) but middle remains unrepaired. 2011 - Site extended downstream to include new scour. 2013 - At the downstream end, behind tree, there is a new animal burrow. Tree has exposed roots. 2015: New rock placed at toe in middle of site, hole remains behind the tree. [2015 Site ID: SAC_35-4_L]					

Photo 1 of 1 : FA_2016_RD0755_177_1_20161018_00001.jpg



USACE 2013 Photo #1

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
----------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0755 Randall

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.83	10/18/2016 10/18/2016	Herman Phillips

LM Start	1.27	Rating **	U	Issue No.	25
LM End	1.72	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.342695 °	38.337757 °
				-121.558108 °	-121.563637 °
DWR ID	DWR_RD0755_01_f_2016_25				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The wild weed growth at this location need to be controlled.					

Photo 1 of 1 : FA_2016_RD0755_177_25_20161102_00031.jpg



RD 755 waterside slope looking downstream from levee mile 1.27-1.72.

LM Start	1.64	Rating **	M	Issue No.	28
LM End	1.64	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.338715 °	38.338715 °
				-121.562560 °	-121.562560 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:17143 DS_ID:18858 EP_NO: 11219 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - Pump and walkway seem abandoned.- Power line is not connected with pump.- A pump house like structure found on LS levee toe. FIELD_STRUCT_DESC: 16-inch pipe through levee, 8.5 feet below crown. Pump on pile structure in stream. Walkway to pump. Siphon breaker and power pole on landward slope. (ABO No. 11219-Elliott). O&M Manual Sac 111, May 1959, Revision Year 2011. FS Date: 8/6/2013					

Photo 1 of 2 : UCIP_FA_2016_17143_29282.jpg



WS view: Overview of walkway, pump structure, and pipe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
----------------------------------------------------------------------------------------------	--	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--	-------------------------------------------------------------------------------------------------------------

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0755 Randall

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.83	10/18/2016 10/18/2016	Herman Phillips

LM Start	1.64	Rating **	M	Issue No.	28 (cont)
LM End	1.64	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.338715 °	38.338715 °
				-121.562560 °	-121.562560 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:17143 DS_ID:18858 EP_NO: 11219 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - Pump and walkway seem abandoned.- Power line is not connected with pump.- A pump house like structure found on LS levee toe. FIELD_STRUCT_DESC: 16-inch pipe through levee, 8.5 feet below crown. Pump on pile structure in stream. Walkway to pump. Siphon breaker and power pole on landward slope. (ABO No. 11219-Elliott). O&M Manual Sac 111, May 1959, Revision Year 2011. FS Date: 8/6/2013					

Photo 2 of 2 : UCIP_FA_2016_17143_29281.jpg



WS view: Abandoned walkway and pump structure

LM Start	1.72	Rating **	A/W	Issue No.	26
LM End	1.83	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.337757 °	38.336447 °
				-121.563637 °	-121.564732 °
DWR ID	DWR_RD0755_01_f_2016_26				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
----------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------